

LIBNEWS.APP: FOG/DOG Library Listing - Application Disks APP-0

LIBNEWS.APP: FOG/DOG Library Listing - Application Disks APP-1

THIS SECTION DESCRIBES THE APPLICATION FILES IN THE DOG LIBRARY.

-FOG/APP.001 and -FOG/APP.002

-FOG/APP.001 and -FOG/APP.002 contain the Osborne/McGraw-Hill General Ledger system modified to function efficiently on the Osborne 1 computer. The source .BAS files included on -FOG/APP.001 are updated versions of those previously found on -FOG.023. Executable .INT files and initialized data .DAT files on -FOG/APP.002 simplify implementation of G/L to your financial application. A customized AUTOST.COM enables automatic initiation of G/L upon cold start (<RESET><RETURN>).

For instructions, refer to G/L.LTR (which should be printed using WordStar), G/L.DOC, and the Osborne/McGraw-Hill publication "General Ledger - CBASIC".

-FOG/APP.003

This disk contains the BUDGET1/LEDGER1/ANNTOT1 general ledger system previously found on -FOG.007 and -FOG.008.

RJ was received from the Osborne Users Group (OUG) of the Washington D.C. area. Its purpose appears to be for inserting special printer microjustification control codes to perform right justification of text files.

This disk contains the LABELS program previously found on -FOG.024, which was submitted by Dave Blair of FOG. It prints data contained in a file onto mailing labels using an Epson printer.

SUNRISE, previously found on -FOG.017, is a program which provides various solar data for specified locations and dates.

MPLABELS and ROLLIST were received from the Northwest Osborne Users Club in the Washington/Oregon area. They will produce mailing labels on any printer using MergePrint.

2NDMTG, AMORT, and LOANPMT are SuperCalc loan payment related programs. The first two files were received from the Northwest Osborne Users Club.

-FOG/APP.005

This disk contains various MBASIC application programs. AMORTIZR and DEPREC were previously found on -FOG.004. DATES, MONTHS, FSTOP, and EXPOTIME were previously on -FOG.005. CURVFIT, SIMEQU, and STANDEV were on -FOG.025.

AMORT, AMORTIZR, MCOMP1, MORTCOM, and PROPERTY pertain to loans. DEPRE and DEPREC calculate depreciation. RETURN and SINKFUND relate to cash flow. EXPOTIME and FSTOP are for camera buffs.

Revised 5/1/83

LIBNEWS.APP: FOG/DOG Library Listing - Application Disks APP-2

DATES will determine years for a given day/date combination. MONTHS will display a calendar.

CURVFIT will fit a polynomial thru a set of data points.

SIMEQU will solve a set of simultaneous linear equations.

STANDEV provides statistics regarding a set of data.

PERT1 was submitted by Roger De Haven of FOG. It is a project management aid documented in BYTE magazine, 5/82, p.465. PERT2, received from the Osborne Users Group (OUG) of the Washington

D.C. area is understood that you get a copy of the magazine article to learn how to use PERT.

WSPATCH is a program to patch WordStar for blinking cursor and for automatic redefinition of the arrow keys between WordStar and CP/M. It may belong with the utility category but is included here because of its relationship with the WordStar application program. WSPATCH was received from the Osborne Users Group (OSBUG) of Vancouver, B.C. (The original did not work as described, but this version does.) Resulting patches made to WordStar are incompatible with those made by WSFAST found on -FOG/APP.006.

-FOG/APP.006

TEACH, previously found of -FOG.027, is a program to teach Morse code.

INDEX was received from the Osborne Users Group (OUG) of the Washington D.C. area. This program will produce an index for a WordStar text file, which must be marked with special control characters.

SORT is an MBASIC program to sort data input at run time.

WSFAST was submitted by Dave Radke of FOG. It is a corrected version of Thom Hogan's article on p.45 of the June/July 1982 issue of Portable Companion. Perhaps WSFAST belongs in the utility category, but it is placed here because of its relationship with the WordStar application program. These patches are incompatible with those performed by WSPATCH found on -FOG/APP.005.

-FOG/APP.007

This disk contains the Electronic Card File (ECF) system received from the Boston Osborne Group (BOG). ECF is a menu driven database system written in MBASIC.

-FOG/APP.008

This disk contains the general matrix calculator MCALC and the eigenvalue problem solver EIGEN. These programs were submitted

Revised 5/1/83

by Scott Buehe of FOG.

-FOG/APP.009

DATABASE, previously found on -FOG.018, is used in conjunction with WordStar's MergePrint option to enter data about business contacts into a file called DATABASE.DAT.

RATIOS calculates financial ratios from balance sheet information. The printer must be turned on. Refer to RATIOS.DOC.

The remaining files on this disk were received from the Phoenix Osborne Group (PhOG).

CAL2 keeps track of an appointment calendar. It is a CBASIC program. Refer to CAL2.DOC for further information.

AMPRESP, CONNHORN, RFUTIL, SAMP, and STRPLINE are electrical engineering related programs. BLLSTC and RECOIL calculate ballistics information. FITTER is a polynomial curve fitting program. FFT is a fast Fourier transform program. These are all written in MBASIC.

-FOG/APP.010

MPG1.CAL is a SuperCalc spreadsheet to calculate cost of fuel given ml/gal and \$/gal.

EDITOR is provided in two forms -- as an MBASIC program and as a compiled .COM command file. This program is a line oriented editor like ED. There are few instructions, but trial and error is a good learning technique. One advantage of EDITOR is that you can use it to edit an MBASIC program while remaining in MBASIC. EDITOR was received from the Phoenix Osborne Group (PhOG).

S. R. Ducker of Gulf Breeze, FL, submitted the rest of these files. STCKEXMP and STOCKS help manage a portfolio of stocks. Use STCKEXMP to initialize the securities data onto the file STOCKFL. Then STOCKS calculates current portfolio value.

NFLSTATS is used to initialize each team's Power Rating as published in "Pro Football Annual" during the summer. Then NFLUPDAT updates this rating following weekend games. NFLFYL is used to store the data.

TRAUS is a solution program for the "traveling salesman" optimization problem. This may be thought of as a generic problem to

finds the path of least cost (time and space).
This is a CBASIC program.

-FOG/APP.011

This disk contains the checkbook management system described in CHKBOOK.DOC. This system includes CMENU, CBOOK, CDAILY, and C-

Revised 5/1/83

LIBNEWS.APP: FOG/DOG Library Listing - Application Disks APP-4

UPDATE. It is a CBASIC system including both source (.BAS) files and compiled intermediate (.INT) files. The system is menu driven.

Jim Schenke of FOG submitted LOOKUP, FINANCE, and MEASURE. LOOKUP will search a file for all records (lines of data) containing a keyword. Each record is assumed to be ASCII text terminated by (RETURN). Only upper case ASCII is searched. The program will prompt for keywords. BOOK is a sample telephone book for use with LOOKUP.

FINANCE and MEASURE are MBASIC programs. FINANCE calculates loans, deposits, and compound interest. MEASURE performs conversions between common units.

NEWGENEA is an MBASIC program for genealogists received from the Cincinnati Osborne Group.

MAGE will recover all or part of a WordStar file left in memory. This may be useful if some error prevents WordStar from saving a file on disk, for example, when the disk becomes full.

WSMODS1 was submitted by Carl Flarity of FOG. It groups together several WordStar modifications, including WSFAST from - FOG/APP.006 and NEC 8023A printer control commands.

-FOG/APP.012

This disk contains RPN, a programmers calculator, submitted by David Brower of FOG. Using reverse polish notation, calculations may be performed in decimal, hexadecimal, octal, or ASCII. The system is screen oriented and very friendly. It is highly recommended for serious programmers.

eliminate the side-to-side letter during vertical scrolling in WordStar.

The remaining files are sample SuperCalc .CAL spreadsheets. BPROFIT, BUGWS1, and PARTWS1 relate to a dealership which also sells maintenance service and parts. A/RJOURN, DISBURS1 & 2, PAYABLES, RECEIVAB, and RECONCIL relate to the usual bookkeeping applications.

-FOG/APP.013

This disk contains the Performance Evaluation and Review Technique (PERT) project management system submitted by Doug Hurst. It is an enhanced version of the programs PERT1 and PERT2 found on FOG/APP.005 and includes a reprint of the original BYTE article appearing in May 1982, pp. 465-478 (PERT.DOC). PERT80 is intended for use on 80 column matrix printers capable of printing in condensed mode (132 columns per line) and for wide carriage printers with 132 column capacity in normal mode. PERT128 is intended for wide carriage matrix printers capable of more than 200 columns in condensed mode. Both PERT tables and a GANNIT

Revised 5/1/83

LIBNEWS.APP: FOG/DOG Library Listing - Application Disks APP-5

chart are provided by this system.

PERTTEST is a test file with three activities. PERTSAMP is a sample run of PERT which will run completely thru without operator interaction. It is initiated by AUTOST.

-FOG/APP.014

This disk contains dBASE II applications submitted by Jim Ufrick. Upon a cold boot (RESET-RETURN), AUTOST.COM loads DB.COM (dBASE) and the dBASE command file D.COM. D presents a general menu for entering date, displaying files or extended disk directory, and setting defaults. Results are stored in D.MEM. The second dBASE application is for managing a FOG membership list. FOG.COM is the main menu. ENTER.COM allows new names to be appended. PHONE.COM prints a list of names and phone numbers using PHONE.FRM. LBL.COM prints mailing labels. FEET.COM allows users

ling records to be edited. FOG.DBF and LAST.ND are skeleton database and index files.

The program @ is a general purpose calculator similar to RPN found on FOG/APP.012.

CHARGES provides a screen representation of electrical fields.

DRAW, submitted by Carl Flarity, permits composing charts on the screen using ASCII characters, then printing them on the list device.

KPLOT will display on the screen a bar chart or point plot of numeric data. KDRAW is a non-interactive graphics screen display program. MABPLOT is a sample file for KPLOT. These files were submitted by David Ring.

SCDESIGN, submitted by R. Hunter Morey, permits interactive design of a screen display using graphic and ASCII characters. It builds a file of DATA statements and an MBASIC program to re-create the display. The resulting program may be merged with other similar display programs and/or integrated into a larger program which utilizes the resulting screens.

DRAW, KDRAW, and SCDESIGN are similar to E-SKETCH on FOG/GAM.003 and SKET on FOG/GAM.012. Perhaps they belong in the Games category, but they are placed here because of their potential use in making business related charts.

-FOG/APP.015

This disk contains SuperCalc spreadsheet templates.

ANOVA-RM and LIN-REG were submitted at a FOG meeting by a lady who's name I neglected to ask. (Please accept my apology.) ANOVA-RM performs analysis of variance with repeated measures.

Revised 5/1/83

LIBNEWS.APP: FOG/DOG Library Listing - Application Disks APP-6

LIN-REG will do linear regression as described in the October/November 1982 issue of Portable Companion.

TRYBOCE submitted by Bill Francis - enable operation of some

1040 for income received during 1982. This one 1040AB82 is another template for taxes on 1982 income. It was submitted by presents form 1040 and schedules A and B. It was submitted by Scott Rainey of the Osborne Business Users Group (OSBUG) in Portland. Unfortunately for many of us, this spreadsheet was prepared using SuperCalc version 1.12 and can not be read using version 1.05 (which I currently have). Sorcim says 1.12 is upward compatible, but not downward.

-FOG/APP.016

This disk contains SuperCalc templates submitted by Scott Rainey of the Osborne Business Users Group (OSBUG) in Portland, Oregon.

AMORT60 calculates a 60 month loan amortization. GEMLOAN and GEM2 are for Growing Equity Mortgages.

-FOG/APP.017

This disk contains a system for extracting file names from a disk directory and maintaining a database of the names. It may be useful for cataloging your personal disk library. (Also, see the CATALOG system found on FOG/UTL.002.) Paul Trainer submitted DRECTORY for managing the directory database and DSORT to sort it.

TEACH2 is a revision of TEACH found on FOG/APP.006. This is a program to teach Morse code. To sound the bell, TEACH used a method for entering "shadow ROM mode" which is invalid on the newer Osbornes. TEACH2 resolves this problem.

-DOG/APP.001

IDX101 - Program to make an index for WordStar documents.

The rest of the files contain Wordstar command indexes and patching instructions.

-DOG/APP.002

INDEXSC.TXT, SCPATCHS.TXT - SuperCalc command index and patching instructions.

PDQFILE.BAS - PDQ Key-File data manager system, described in BYTE, November, 1981, page 236. Typed in and submitted by Keith Cogswell.

The rest of the files on this disk comprise "The Letter", an automated correspondence management system which works with Wordstar. Submitted by Jon Olson, who gave a talk describing the

LIBNEWS.APP: F0G/D0G Library Listing - Application Disks APP-7

-DOG/APP.003

This diskette contains what is perhaps the ultimate Wordstar 2.26 patch, sweated over and submitted by yours truly, Mike Schwab. Now that Wordstar 3.0 is almost out, I finally managed to combine almost all of the Wordstar patches I have found into one patch file. This includes smooth scrolling (for single or double density), automatic setting and resetting of the Osborne arrow keys and horizontal scroll, all of the printer and option patches I could find, and a few other goodies I added.

I have included a document file, WSPATCH2.DOC, and two versions of the patch program, WSP2EPSN.ASM, and WSP2ANA.ASM, for Epson and Anadex printers, respectively. The two versions are identical, except for the printer patches at the bottom of the program. The installation instructions for the stock versions are on the last page of the document file. However, you will probably want to modify the files, to customize the operation to suit your tastes. If you do, please read the entire document file carefully before attempting the modification.

-DOG/APP.004

This disk contains the SuperCalc templates for most of the 1983 federal tax schedules. These were presented by Bob Noulin at the February, 1983 DOG meeting, and described in the March, 1983 DogBytes.

The document file TAX.DOC contains instructions explaining the use of these schedules. File TAX1.CAL contains:

1. 1040 - Federal Tax Return
2. Schedule A - Itemized Deductions
3. Schedule B - Interest & Dividend Income
4. Schedule D - Capital Gain/Losses
5. Schedule E - Supplemental Income
6. Form 2106 - Employee Business Expenses

File TAX2.CAL contains only schedule G - Income Tax

Also on this disk is CNVTSC, a converter for transforming SuperCalc 1.12 files to 1.05.

-DOG/APP.005

This disk contains the CON-CALC programs, by Stu Fleischer, for consolidating worksheets which are too large to be contained in one SuperCalc file. There is a manual to aid the user in consolidating his worksheets, and documentation contained on the disk is also very complete.

-DOG/APP.006

Kevin Markey's dBASE II utility files are on this disk.

Revised 5/1/83

LIBNEWS.APP: FOG/DOG Library Listing - Application Disks APP-8

D.COMD will display or print an XDIRectory listing, all dBASE data, command and index files, and list the field structure for all your dBASE files.

M.COMD is a master command menu program which will help you manage dBASE programs and data in a large library of disks. It also facilitates the use of Wordstar with dBASE without needing to change arrowkeys every 5 minutes.

COMPARE is a dBASE command file which will display about 17 screens full of comparisons of MBASIC and dBASE. You may print this, also.

LP.BAS is a linear programming program submitted by Francisco Samaniego.

Revised 5/1/83

LIBNEWS.GAM: FOG/DOG Library Listing - Game Disks

GAM-1

-FOG.GAM.001

This disk contains ADVENTURE, previously found on -FOG.004, and
PACMAN, from -FOG.022.

-FOG/GAM.002

This disk contains CHESS, previously found on -FOG.018. The
FORTRAN source code (CHESS FOR) has been added from -CPM116.041.

Three-D T & Tac-Toe (TTT) came from -CPMUG.029.

-FOG/GAM.003

This disk contains MBASIC games. BACCARAT & ELIZA were previously found on -FOG.004, STARTREK was on -FOG.005, and CASTLE was on -FOG.015. BACCRRRT, which is similar to BACCARAT, came from -CPMUG.026. E-SKETCH was submitted by Dave Blair of FOG.

-FOG/GAM.004

This disk contains MBASIC games. CIA, QUEST, STARLANE, & YAHTZEE were previously found on -FOG.015. CIVILW, DSPACE, FIGHTER, GRANPRIX, & LIFE were on -FOG.019. The source of STARLAN4, which is similar to STARLANE, is unknown.

-FOG/GAM.005

This disk contains MBASIC games. MONOPOLY was previously found on -FOG.019. BLACKJCK & OTHELLO are from -CPMUG.026. HANGMN, MASTERMD, & ROULETTE are from -CPMUG.027. OTHELLO is the exception; it is not in MBASIC.

-FOG/GAM.006

This disk contains CBASIC games. ROBO was previously found on -FOG.007 & -FOG.009. CRAPS is from -CPMUG.037. As described in DISK.PRN, CRAPS was submitted by John White of Washington. (Apparently, some other programs were sent by John but were subsequently misplaced.)

-FOG/GAM.007

This disk contains MBASIC games. AWARI, DCHARGE, GAMMON, HANDI (an interesting display of graphics), & NUCREAC are from the Osborne Users Group (OUG) in the Washington, D.C. area. HEXAPAWN is from the Northwest Osborne Users Club in the Oregon & Washington area. BIO-FF is from -CPMUG.005. CHECKERS is from -CPMUG.013. CRAZY-8 is from -CPMUG.026.

MENU, BUBBLE, DESIGN, ETCH, & SEARCH were submitted by Archie Abaire, Jr., of Richmond, VA. DESIGN & ETCH (see E-SKETCH on -FOG/GAM.003) both use graphics.

-FOG/GAM.008 thru -FOG/GAM.011

Disks -FOG/GAM.008 thru -FOG/GAM.011 each contain MBASIC games received from the Northwest Osborne Users Club in the Washington/Oregon area.

-FOG/GAM.012

This disk contains games submitted by David Anning of FOG. These include ALIEN, PRITPICT, and SKET. Each is an MBASIC program. AL is a file used by ALIEN and PICT is a file used by PRITPICT and by SKET.

ALIEN is a graphics game. SKET is an etch-a-sketch game, which will save the sketch on a file for later redisplay using PRITPICT.

KONG and MONSTER were submitted by Dan Woolley of FOG. KONG uses a machine level routine to quickly paint on the screen a whole block of graphics, such as a line or a stick figure. The machine level routine loaded by KONG is derived from the assembly language code given in GRAPH.PRN. MONSTER is copied from the Kelly Smith article on pages 37 thru 44 of the June/July 1982 issue of Portable Companion. It is an Adventure style game using Osborne graphics.

Andy Woolley of FOG submitted ANDY-500, which involves steering a racing car down a roadway.

ELIZA, LANDER1, and TREKINS were received from the Osborne Users Group (OUG) of the Washington D.C. area. ELIZA simulates conversation with a psychologist. There was a version of ELIZA previously found on -FOG.004. LANDER1 simulates a lunar lander. TREKINS provides instructions for STARTREK, which may be found on -FOG/GAM.003. Also, see STARTREK.DOC on this disk.

-FOG/GAM.013

This disk contains support files for the Adventure game AD.COM found on -FOG/GAM.014. This version was received from the Osborne Users Group (OUG) of the Washington D.C. area.

This Adventure game is similar but more detailed than Adventure found on -FOG/GAM.001. In particular, you can interrupt a game for continuation at a later time.

This disk contains AD.COM, an Adventure game supported by files found on FOG/GAM.013. See DISK.DOC on that disk for further information.

ALIENS is a graphics game.

Revised 5/1/83

LIBNEWS.GAM: FOG/DOG Library Listing - Game Disks

GAM-3

BOUNCE was submitted by Jim Schenkel. It displays an interesting graphics pattern.

PACMANOS is another version of the popular game distinct from PACMAN found on FOG/GAM.001.

WORDPUZL is a word puzzle game written by yours truly as an exercise in use of small-c found on FOG/LNG.002 thru .004.

This disk is incomplete and will be updated in coming weeks.

-DOG/GAM.XXX

ALIENS - Space Invaders game which needs an 80 column screen to be effective.

PACMAN95 - A different version of PACMAN, but still needs an 80 column screen.

PPONG.COM - Polish Pong game. Ball bounces around the screen, and may be deflected by the player.

STARTREK.BAS - MBASIC game.

ZCHESS - Looks similar to CHESS on FOG/GAM.002, but this one automatically redispays the screen after each move.

This disk is presently incomplete. Additional files will be added in future weeks.

Revised 5/1/83

LIBNEWS.HAK: FOG/DOG Library Listing - Hacker Disks

HAK-1

-FOG/HAK.001 thru .003

This disk contains the personal finance system previously found on -FOG.002. This system, developed by Software Design Engineering, was submitted by Byron McKay of FOG and PICONET and is also available on -PNET.003. Files of type .BAS include 120, 130, 21000, 800, AP,AR FS and INSTALL.

Remaining files on this disk and continuing to -FOG/HAK.002 and -FOG/HAK.003 are from the Osborne/McGraw-Hill accounts receivable/payable system previously found on -FOG.008, .010, ABSTRACT.043 and CATALOG.043 for further information.

-FOG/HAK.004

This disk contains DUMP24X and ROM previously found on -FOG.016, JRNL, PASSWORD, and RESIZE from-FOG.018, and POW and macro library .LIB files from -FOG.020. Additional .LIB files are continued on-FOG/HAK.005.

-FOG/HAK.005

This disk contains macro .LIB files previously found on -FOG.020. Additional .LIB files were placed on-FOG/HAK.004. MOONLOC programs and HAM programs included here are from -FOG.021.

-FOG/HAK.006

This disk contains the Tarbell database programs DBSETUP, DBENTRY, and DBQUERY previously found on-FOG.020. These are CBASIC programs. INJ and INJ.IND are sample database files. For information, see DATABASE.DOC.

STRTRK/2 is an MBASIC Startrek program which needs work. It was received from the Osborne Users Group (OUG) of the Washington D.C. area.

MFACCESS, from -CPMUG.036, is an assembly language library file which processes wild card filenames.

The remaining are squeezed assembler files (.ASM). ADE is an absolute disk editor from -CPMUG.019. BANNER, from -CPMUG.008, prints some sort of banner. DDTPATCH, also from -CPMUG.008, is a patch for DDT. UCOPY is a universal disk copy program. DIRS9/8 is a sorted directory program. PROM is for programming PROMs. These last three programs are from -CPMUG.047.

-FOG/HAK.007

This disk contains several floating-point arithmetic routines from CPMUG.029. FPCONV, FPDATA, FPINT, FPPKG, and TRAN.SQC are squeezed assembly language source files.

MAKSUB is an example of how one .COM command file may chain to

Revised 5/1/83

MEGATREK is an extra large version of STARTREK. It would not fit into the space available within MBASIC. See MEGATREK.DOC.

MLIST3 and VLIST11 were both submitted by Gale Rhoades. They will display a file on the CP/M list device, like LIST found on FOG/UTL.002. Each uses MAC and SEQIO.LIB found on FOG/HAK.004.

-FOG/HAK.008

Files on this disk were submitted by Byron McKay.

MB00T30S is an Osborne version of MB00T, a program intended for use when no better terminal emulator is available. Since there are several terminal emulators in the Utilities category (e.g., MODEM7 on FOG/UTL.001), this program does not seem necessary.

MODEM781 is one of the more recent versions of MODEM7. It uses MODEM780.LIB and MAC for assembly. MCAL780 permits revision of the telephone directory.

-FOG/HAK.009

LOSTGOLD is a BASIC game which needs repair.

PIPMODEM describes use of PIP as a terminal emulator.

The remaining files were submitted by Byron McKay.

RECV and SEND permit transferring files between two computers.

S.MODEM39 is a source file for the Hayes SmartModem version of MODEM7. An Osborne compatible S.MODEM4 may be found on FOG/UTL.021.

-FOG/HAK.010

COPYFAST, from CPMUG.047, is for quickly copying from one disk to another.

DIAL6/23 and FLIP3, also from CPMUG.047, will dial and change baud rate when used with a PMMI modem.

The remaining files were submitted by Byron McKay.

PMMIBYE3, from CPMUG.040, is a PMMI version of the BYE program used by remote bulletin board systems (RBBS).

RBBS30 is a BASIC language RBBS control program. It uses MENURBBS and NEWCOM files.

FINDBAD.MAC is a source file for the bad sector lockout program found on FOG/UTL.005.

Revised 5/1/83

LIBNEWS.HAK: FOG/DOG Library Listing - Hacker Disks

HAK-3

KID permits definition of keyboard macros (programmable function keys) using any key. Essentially, the Keyboard layout could be redefined (e.g., DVORAK).

MBASIC.MOD describes modification of MBASIC definition of the delete key and default screen width.

The remaining files were submitted by Byron McKay.

MOVUSER1 will redefine the USER number associated with a given file. Also, see MOVUSER2 on FOG/UTL.019.

NCAT32 and XCAT36 are assembly language source files for the catalog programs found on FOG/UTL.012.

UNERA13 is an assembly language source file for the erased file recovery program found on FOG/UTL.009.

-FOG/HAK.012

COMAND and DISKDEF are library files used by certain programs written in macro assembly language MAC. SEQ1022 is an update of the library file found on FOG/HAK.004.

FAST2 and PACKUP2 are disk I/O buffering routines.

MEMLNK20 simulates a disk in RAM.

MORSE, PRACTICE, and RANDTEXT all relate to morse code drill. They come from CPMUG.041. Also, see TEACH2 on FOG/APP.017.

TBPRNT13 is for tabulated printout of a file onto the CP/M list device. Also, see LISTT on FOG/UTL.015.

-FOG/HAK.013

This disk contains several BASIC language business programs.

Included is part of the FINANCE system received from the Phoenix Osborne Group (PhOG). FINANC1A is on this disk; FINANCE2 and FINANCE3 are on FOG/HAK.014; FINAN1-3.DOC describes the system.

S&L performs various financial calculations. It should be verified before implementation in the Applications category.

The remaining files make up the BUSINESS system activated by running BUSINESS.BAS. Several of the calculations performed by this package are known to be incorrect; therefore, the entire system is suspect.

-FOG/HAK.014

This disk contains several BASIC language business programs.

Revised 5/1/83

LIBNEWS.HAK: FOG/DOG Library Listing - Hacker Disks

HAK-4

Included is part of the FINANCE system received from the Phoenix Osborne Group (PhOG). FINANCE2 and FINANCE3 are on this disk. FINAN1-3.DOC, which describes the system, and FINANC1A are on FOG/HAK.013.

Also received from PhOG is the STAR system, described by STAR.DOC. AUTOST.COM has been provided to automatically initiate STAR upon a cold start.

-DOG/HAK.001

@.COM - Nice looking calculator program, in decimal, hexadecimal, or even ASCII. Unfortunately, it blows up the screen if you ask for help, or enter the wrong combination of numbers.

AUTOST.COM, TEST.ASM, TEST.COM - Examples of modifying the graphic display seen on boot. Presented at the March, 1983 DOG meeting, but no documentation submitted with it.

CCPPATCH.ASM - Interesting looking patch for CP/M, which purports

the currently logged drive. However, it seems to need some special adjusting for the Osborne CP/M, as setting the size to 59K did not do the trick.

SPELL.ASM - "A poor persons spelling checker", from Dr. Dobbs's Journal 7(4):42-53. (DDJ # 66), by Alan Bomberger. It does not assemble with ASM - needs MAC or a Z80 assembler.

UNSPOL31.DOC, UNSPOL33.ASM - Newer versions of the UNSPOL30 program (FOG/UTL.010), but no COM file. It does not assemble with ASM - needs MAC or a Z80 assembler.

LIBNEWS.LIB

INFORMATION ABOUT COMBINED DOG/FOG LIBRARY

- 5/1/83 -- Received 44 FOG disks, and incorporated these into the LIBNEWS files. Also added JRT Pascal 3.0 to the DOG/LNG files, updated DOG/APP.004 with a SuperCalc converter, and added DOG/APP.005 and .006.
- 3/7/83 -- Added DOG/APP.004, changed DOG/HAK.001, added descriptions of DOGBYTE and FOGHORN diskettes. Steve Bentley split file NEWS.LIB into different chapter files, with the extension indicating the library category being described.
- 2/2/83 -- Updated to add or change most of the DOG diskette descriptions. Added DOG/LIB.002, DOG/UTL/004, DOG/APP.003, DOG/MIS.002, DOG/MIS.XXX (003), and DOG/HAK.001.
- 1/5/83 -- Compiled by Mike Schwab, adding to the FOG library descriptions of the following DOG disks:
DOG/LIB.001, DOG/GAM.XXX (001), DOG/UTL.001,
DOG/UTL.002, DOG/UTL.XXX (003), DOG/APP.001,

Revised 5/16/83

LIBNEWS.LIB: FOG/DOG Library Listing - Library Disks

LIB-5

DOG/APP.002, DOG/MIS.XXX (001), DOG/LNG.001,
DOG/LNG.002, and DOG/LNG.003.

-----> Composite of NEWS0982.LIB, NEWS1082.LIB, and added information about DOG diskettes:

The previous FOG/DOG disk list:

the file in the original library have been categorized and relocated onto new disks. Categories are indicated by the disk name as follows:

Disk Name	Category
-----	-----
-FOG/LIB or -DOG/LIB	Library catalogs
-FOG/GAM or -DOG/GAM	Games
-FOG/UTL or -DOG/UTL	Utilities
-FOG/APP or -DOG/APP	Applications
-FOG/MIS or -DOG/MIS	Miscellaneous
-FOG/LNG or -DOG/LNG	Languages (Programming)
-FOG/HAK or -DOG/HAK	Hackers (Need Repairs)
FOGHORN or DOGBYTES	FOG and DOG Newsletters (See LIBNEWS.LTR and LIBDIR.LTR).

The Denver Osborne Group (DOG) librarians received a full set of FOG disks (through 10/82) on January 4, 1983. Following the example of the FOG library's categorization, the assorted extra DOG disks were also categorized onto diskettes labeled -DOG/UTL.001, -DOG/GAM.XXX, etc. The intention is to submit these disks to the FOG library as time permits, so that they will be integrated into the FOG library. When we receive the new FOG disks, we will remove the corresponding DOG disks. In the meantime, the DOG disks will be found just after the FOG disks in each category.

Each disk contains a file named DISK.DOC, which briefly describes contents and use of that disk. Following is a synopsis of the library disks presently available; this summary is drawn from each DISK.DOC file.

-DOG/LIB.001

This disk contains the files LIBNEWS.cat, which contain short descriptions of the contents of each of the diskettes, subdivided by library categories, and will be continually updated. These files may be printed using the LIBPRINT.MRG Merge-print file. Also, the WHATSNEW files in -DOG/LIB.003 will list the pages which change each month so that only new pages need be printed if you are maintaining a looseleaf version of this disk.

-DOG/LIB.002

This disk has the files LIBDIR.cat which contain XDIR listings for each disk in the library, separated by category. The entire directory list may be produced by Merge Printing the file LIBDIR.MRG, or the files may be printed separately. Pages will

be added to the files in each category, as disks are added each month. Refer to the files WHATSNEW.mon on DOG/LIB.003, which will contain a list of the LIBDIR pages that have changed that month, so that you may maintain a loose-leaf edition of the directory, by just printing the pages that have changed.

-DOG/LIB.003

This disk contains a master catalog (MAST.CAT) of all files in both the DOG and FOG libraries, and the CAT and CAT2 programs to read the catalog. To print an alphabetical cross-reference of the entire library, put this disk in drive B:, make sure your printer is ready, at the A> prompt type B:<CR>, ^P, and then CAT2<CR>.

This disk contains the files called WHATSNEW.mon for the past few months, which briefly describe the additions made to the library that month, if any. It also contains a continually updated FOG policy and commentary file. In addition, this disk may be used as news exchange or bulletin board.

-FOG/LIB.001

The file LIBRARY.DOC explains organization of the FOG disk library and how to use it.

NEWS0982.LIB is a synopsis of DISK.DOC files from each library disk introduced during September 1982. This covers -FOG/GAM.001 thru -FOG/GAM.011, -FOG/UTL.001 thru -FOG/UTL.010, -FOG/APP.001 thru -FOG/APP.008, and -FOG/MIS.001 thru -FOG/MIS.004.

-FOG/LIB.002

This disk was first introduced into the library in preliminary form as FOG/LIB.XXX. It is now complete; therefore, sequence number 2 has been assigned. CAT.COM, NEWCAT.COM, and MAST.CAT have been moved to a special preliminary disk named FOG/LIB.CAT.

This disk contains DIRBANER and DIRLABEL utilities used to generate the printed directory banner placed in the plastic envelope to identify each library disk and the directory label attached to each library disk. These are specially modified programs originally written by Dennis McFerran. An unmodified version of DIRBANER may be found on FOG/UTL.011.

CRCK4 is duplicated on this disk from FOG/UTL.001. At the suggestion of Jim Crowell it was used to generate CRCKLIST.CRC files identifying the cyclic redundancy check number for each file currently in the library. These were accumulated by category and then squeezed to produce the following files:

FOG/LIB.CQC covering FOG/LIB.001
FOG/GAM.CQC covering FOG/GAM.001 thru .013
FOG/UTL.CQC covering FOG/UTL.001 thru .018
FOG/APP.CQC covering FOG/APP.001 thru .012
FOG/MIS.CQC covering FOG/MIS.001 thru .007

Revised 5/16/83

LIBNEWS.LIB: FOG/DOG Library Listing - Library Disks

LIB-7

FOG/LNG.CQC covering FOG/LNG.001 thru .009
FOG/HAK.CQC covering FOG/HAK.001 thru .006

In the future, each new library disk (including this one) will contain a file named CRCKLIST.CRC listing the CRC number for each file on that disk.

TYPE17 is duplicated on this disk from FOG/UTL.014. It will display both squeezed and unsqueezed files.

NEWS1082.LIB identifies library files added during the month of October 1982.

NEWS1182.LIB identifies library files added during the month of November 1982.

-FOG/LIB.CAT

The MAST.CAT file contains a current catalog of the FOG disk library. This catalog is maintained using the NEWCAT and CAT utilities duplicated here from FOG/LIB.001.

This disk is presently incomplete. Since the MAST.CAT file will be updated each month, it is not expected that this disk will ever be made permanent.

-FOG/LIB.XXX

NEWS1282.LIB identifies library files added during the month of December 1982.

NEWS0183.LIB identifies library files added during the month of January 1983.

NEWS0283.LIB identifies library files added during the month of February 1983.

NEWS0383.LIB identifies library files added during the month of March 1983.

This disk is presently incomplete. Additional files will be added in future weeks.

Revised 5/16/83

LIBNEWS.LNG: FOG/DOG Library Listing - Language Disks LNG-1

-FOG/LNG.001

This disk contains the Z80 Assembler previously found on -FOG.006 and originally obtained from-CPMUG.016.

TEST1A.ASM and TEST2.ASM are sample Z80 assembly language programs.

Z80.LIB is a library of macros for use with Digital Research's MAC assembler to produce Z80 code. For use, refer to Z80.DOC. These were received from the Osborne Users Group (OUG) of the Washington D.C. area.

-FOG/LNG.002 thru .004

Disks -FOG/LNG.002 thru .004 contain the C Compiler previously found on -FOG.029 thru .031.

-FOG/LNG.005 thru .006

Disks -FOG/LNG.005 and .006 contain a version of Algol called ALGOLM. This system was down loaded from -CPMUG.028.

Documentation in files of type .TXT are found on-FOG/LNG.005. Read ALGSTART.TXT first. Sample programs are included on -FOG/LNG.006.

-FOG/LNG.007

This disk contains the ML80 system from -CPMUG.004 and -CPMUG.036. This system is the result of L.R.B.Pedroso's thesis "ML80: A Structured Machine-oriented Microcomputer Programming Language," available from the National Technical Information Service (NTIS) using order number AD/A-020 055.

ML80 is actually two language processors, M80 and L80. M80 is a general macro processor which can be used independently of L80. L80 is a structured assembly language for the 8080.

Two sample disk directory programs written in ML80 are included, WDIR and XDIR.

-FOG/LNG.008 and .009

-FOG/LNG.008 and .009, submitted by Jack Beale and Frank Morton of FOG, contain the JRT Pascal system originally sold for \$29.95 by JRT Systems, 1891-23rd Ave., San Francisco, CA 94122, (415)566-5100. Their advertisement (see BYTE, 10/82) specifically authorizes copying the diskettes, "so long as it's not for resale."

If this system is of interest to you, perhaps you should purchase the complete package including documentation from JRT Systems.

Revised 5/1/83

-FOG/LNG.010

M80.HLP and MAC.HLP provide information about the Microsoft M80 and Digital Research MAC macro-assemblers. They may be used with the HELP system found on FOG/UTL.005. MAC.FIX describes a modification patch to avoid converting lower case to upper case in the .PRN file generated by MAC.

MACREF appends a program cross-reference to the .PRN file generated by MAC. It uses information from the .SYM file, which must be on the same disk with .PRN.

MAC.ASM may be overlayed into MAC using DDT. Its purpose is for cross-assembly work.

EM2 is an 8080 emulator. It executes assembler mnemonics directly, one at a time, and displays register and flag information. Its function is primarily educational.

WORDPUZL.C is the source file for a word puzzle game found on FOG/GAM.014. It was written primarily as an exercise in small-c, the C language compiler found on FOG/LNG.002 thru .004.

STDLIB20 is an update of the small-c standard library of input/output routines. Unfortunately, the original version found on FOG/LNG.002 and .004 was full of bugs and virtually useless. This version has been satisfactorily tested. It is recommended that STDLIB20.TXT be used in place of STDLIB.TXT when linking small-c programs.

JRTFIX.SUB is a SUBMIT file designed to patch the JRT Pascal run-time environment EXEC.COM to correct an error which occurs when multiplying a real number by zero.

-DOG/LNG.001 thru .003

JRT's Pascal compiler, disks A, B, and C. A copy of the manual is needed for operating instructions.

Revised 5/1/83

LIBNEWS.MIS: FOG/DOG Library Listing - Miscellaneous Disks MIS-1

-FOG/MIS.001

This disk contains several MBASIC programs. EPSON4 and ZLOVE were previously found on -FOG.005. BEEP, DEMO, and SINEWAVE were on -FOG.017. BANNER, BUNNY, and CALENDAR were received from the Northwest Osborne Users Clubs of the Washington/Oregon area.

EPSON4 demonstrates operation of the Epson printer. ZLOVE provides an artistic display. (Also see LOVE on -FOG/GAM.010.) BEEP and DEMO are similar Osborne 1 demonstration programs; the first uses the bell, which has been eliminated from the second. Wordcraft has given FOG written permission to distribute their copyrighted DEMO program. SINEWAVE provides an interesting visual display. BANNER will print oversize letters on your printer. BUNNY prints out the familiar Playboy monogram. CALENDAR lists a full calendar on the console; it must be modified to change the assumed year. (Also see MONTHS on -FOG/APP.005.)

PINUP, PINUP1, and SNOOPY.PIC were previously found on -FOG.005. They provide an interesting picture when printed.

COPYRITE.DOC, previously found on -FOG.026, provides information regarding copyrights for software.

-FOG/MIS.002

This disk contains various sample files to be used with WordStar and MailMerge. They were previously found on -FOG.017. A more complete set of examples is included on -FOG/MIS.003.

WSMODS.DOC was on -FOG.014. It describes in general terms how

information is repeated in the Osborne 1 Users Reference Guide.

RUBIK.CUB, from -FOG.028, gives information regarding solution of the famous puzzle. It is a document and may be viewed or printed using WordStar.

CPM.DOC, from -CPMUG.019, contains instructions on use of CP/M.

-FOG/MIS.003

This disk contains demonstration files for use with WordStar and MailMerge. They were received from the OZBUG group of Portland, Oregon. The pertinent files are ASKORDER, CHAIN, CLIENT.DTA, DF1.DTA, F1, F2, F3, F4, F5, F6, F7, F8, FEATURES, LABELS, LABELS.FMT, LETTER1.DTA, LETTER2.TXT, MLLINE, MLLINE.FMT, MULTI.TXT, MULTIN.TXT, ROLLLIST, ROLLLIST.FMT, TESTDATA.DTA, and TSTDAT.DTA. There is a less complete collection of files on -FOG/MIS.002. Also see -FOG/APP.004 for use of ROLLLIST and LABELS (MPLABELS).

The remaining files on this disk are from the Northwest Osborne

Revised 5/1/83

LIBNEWS.MIS: FOG/DOG Library Listing - Miscellaneous Disks MIS-2

Users Club of the Washington/Oregon area. They contain information regarding dealers in the Northwest area and other Osborne users groups. QUESCOM is a computer questionnaire and SIGNUP.LST is a registration form; these may be useful for designing similar forms.

-FOG/MIS.004

This disk contains text files with useful information. They can be viewed or printed using WordStar.

BKSPACE.DOC, from -CPMUG.025, describes use of the backspace key in CP/M and MBASIC. It does not appear to be applicable to the Osborne 1.

EPSONWS.DOC discusses modification of WordStar for compatibility with Epson printers. This file was received from the Osborne Users Group (OUG) of the Washington D.C. area. The text is similar to an article which appeared in the March 1982 issue of

FOGHORN.

INFO.CPM is from the CP/M-NET remote CP/M system. It discusses MODEM7, software tricks, DDT, MBASIC, SYSGEN, autoloader, stack management, and quick loading of .COM files.

NOTES.VAN, from -CPMUG.025, describes BDOS functions.

QUOTES.PRN, from -CPMUG.042, contains humorous bromides for all computer nuts.

WSTIPS.TXT, received from the Northwest Osborne Users Clubs of the Washington/Oregon area, describes facilities for modifying WordStar.

-FOG/MIS.005

This disk contains several MBASIC programs. BIORHYTHM produces a printer chart based upon your birth date. COMPAT determines the compatibility of two people; turn on the printer. EASTER calculates the date of Easter for any given year. GRAPHNUM, by David Anning of FOG, displays the full range of Osborne graphics. POETRY prints verse on the printer. (Notice, some of these programs have .DOC files with further information.)

The following MBASIC programs were submitted by Byron McKay of FOG. QZIPS converts ZIP codes to states. YKW presents an interesting graphical display.

BBSLIST.001 was submitted by Byron McKay of FOG. It contains a list of computerized bulletin board services around the nation.

CPMFTH and FTHCPM, submitted by Jim Crowell of FOG, convert between CP/M text and FORTH screen files. CPMFTH is an MBASIC program; FTHCPM is a FORTH program.

Revised 5/1/83

LIBNEWS.MIS: FOG/DOG Library Listing - Miscellaneous Disks MIS-3

2CPR-WS.DOC, also submitted by Jim Crowell, describes changes to 2CPR.ASM to facilitate use of TYPE with WordStar files. This is expected to be of little use until the library gets a copy of 2CPR.ASM

Mike Marzialek of Cotati, CA, submitted the next two programs. He used BNCHMRK to time MBASIC, CBASIC, and 8080 assembly language programs. HI-RES is an MBASIC subroutine facilitating block graphics on the Osborne screen. Refer to the .TXT files for each program.

-FOG/MIS.006

This disk contains a demonstration of the Fancy Font software available from SoftCraft of Los Angeles. The demonstration files were placed in the public domain and submitted to the FOG library by SoftCraft. They illustrate "the high quality of printing which can be achieved by an Epson printer in graphics mode...." An Epson MX80 or MX100 with Graftrax-80 or Graftrax-Plus is required.

OSCREEN.BAS groups together Osborne 1 screen controls for use in BASIC programs.

OSBDSCIO.C and OSMDIO.C contain C language routines related to Osborne 1 input/output.

-FOG/MIS.007

HINTS3, OSHINTS, OSPATCH, and OSTRICKS are .DOC files submitted by Byron McKay of FOG. Each includes useful information pertinent to the Osborne 1.

WS-MNEM.MSG, submitted by Jim Crowell of FOG, and WSLABELS, submitted by Carl Flarity of FOG, each describe labels used inside the WordStar program and recognized by WordStar's INSTALL program.

Gale Rhoades of FOG submitted RCPMLIST.24 with information about remote CP/M systems. Also, see BBSLIST.001 on -FOG/MIS.005.

BASCOM53.DOC describes version 5.3 of Microsoft's BASIC compiler. MICROSOFT.SAV discusses Microsoft's FORTRAN and M80 packages.

-FOG/MIS.008

This disk contains the picture (.PIC) files CINDY, DRAGON, KIRK, MONA, RAQUEL, and SHIP.

EXPERT.DOC is a humorous description of a computer hacker.

-FOG/MIS.009

This disk contains the FOGHORN, Vol. 1, Nos. 1 thru 3. They are squeezed files. Note that Vol. 1, No. 2 was originally combined with INEONEUS, the precursor of PictNet's PicNews.

Revised 5/1/83

LIBNEWS.MIS: FOG/DOG Library Listing - Miscellaneous Disks MIS-4

BLOCK will generate block letters on your printer. It carries a copyright notice, but Paul Traina of Oxgate 1 assures me it has been placed in the public domain.

DISKID.DOC, submitted by Bill Hooker, describes how to label a disk.

NLART, submitted by Jack Brown of the Vancouver Portable Computer Club (VPCC), is a newsletter article describing Micromodem, the Hayes Stack Smartmodem, MYCHESS, and miscellaneous information for novices.

PUBLIC.ABS is an abstract of the CACHE (Chicago Area Computer Hackers Exchange, I think) public domain disk library.

-FOG/MIS.010

This disk contains the FOGHORN, Vol. 1, Nos. 4 and 5. They are squeezed files.

DIRCUR, submitted by Doug Hurst, provides an interesting screen display. CALENDR generates a calendar on your printer. It is similar to CALENDAR on FOG/MIS.001, but more general. WEEKDAY provides the day of the week for any date. These are MBASIC programs.

NUDE83.CAL and SNOOPY83.CAL are calendars which may be printed on the list device.

O2RUMORS.TXT presents one person's thoughts on the yet to be announced Osborne 2.

UNDOCCPM.DOC describes an undocumented "feature" of CP/M which may be of interest to assembly language programmers.

-FOG/MIS.011

This disk contains the FOGHORN, Vol. 1, Nos. 6 and 7. They are squeezed files.

CCPBUG.FIX describes patches to the CP/M Console Command Processor to facilitate use of disk directory USER areas.

ZSID.FIX describes patches to ZSID to make the DUMP display similar to DDT and SID.

-FOG/MIS.012

This disk contains the FOGHORN, Vol. 1, No. 8, parts 1 and 2. They are squeezed files.

LIBRARY.CTL suggests procedures you may wish to use to control your own disk library.

Revised 5/1/83

LIBNEWS.MIS: FOG/DOG Library Listing - Miscellaneous Disks MIS-5

MDMPRTCL.DOC by Ward Christensen documents his MODEM communication protocol.

MOVCPM.FIX describes patches to MOVCPM.COM, which probably are not required for most Osborne 1 versions of that utility.

SPELSTAR.FIX recommends a correction to MicroPro's SpellStar program.

-FOG/MIS.013

This disk contains a "user modifiable index" for dBASE II and Osborne 1 user's guides. Files of type .DBF and .FRM are intended for use with dBASE. The .TXT files may be displayed as normal ASCII files. All were submitted by John Schmitz of Philadelphia.

BDS-C.HLP describes the BDS implementation of the C programming language. It is intended to be used with the HELP utility found on FOG/UTL.005.

CPMCHAIN.DOC indicates procedures for chaining from one CP/M program to another. It is written primarily for programmers using PL/I-80.

-DOG/MIS.001

Various notes about patching the Osborne software, from CIS CP/M SIG.

RCPM-032.LST - Current list of Remote CP/M Bulletin systems, as of 1/7/83.

RCPMDATA.17A - A document describing the rules and etiquette for using RCP/M systems.

-DOG/MIS.002

Osborne diagnostic programs, which have no accompanying documentation.

Revised 5/1/83

LIBNEWS.MIS: FOG/DOG Library Listing - Miscellaneous Disks MIS-6

-DOG/MIS.003

DEMO.BAS - New, improved version of the Osborne demo program on FOG/MIS.001. Adds bells, Wordstar and Supercalc simulated "demonstrations", and a few other features.

NEW-CHIP.CPK - Collection of Compuserve CPM-SIG conversations about the Z800 microprocessor.

PICTURE.BAS is a graph of 68000 computer speed from the 68000

Issue of the Portable Companion, written by Jack Malraven, from Canada. The user can draw pictures on the screen using the cursor keys and the available graphics characters on the OSBORNE and save the picture for later use. It includes on-screen documentation. Submitted by Francisco J. Samaniego. See PICTURE.DOC.

This disk contains the DOG BYTES, Vol. 1, Nos. 1 through 4, which are the March through June, 1982 issues. They are squeezed files. First PIP each file onto a blank disk, unsqueeze using USQ.COM from FOG/UTL.003, .004, or .014, then print using WordStar (P at "no-file" menu).

-DOG/MIS.004

This disk contains the DOG BYTES, Vol. 1, Nos. 5 through 7 and 9, which are the July through September and November, 1982 issues. They are squeezed files. First PIP each file onto a blank disk, unsqueeze using USQ.COM from FOG/UTL.003, .004, or .014, then print using WordStar (P at "no-file" menu).

-DOG/MIS.005

This disk contains the DOG BYTES, Vol. 1, Nos. 8, 10, and 11, which are the October and December, 1982, and January, 1983 issues. They are squeezed files. First PIP each file onto a blank disk, unsqueeze using USQ.COM from FOG/UTL.003, .004, or .014, then print using WordStar (P at "no-file" menu).

-DOG/MIS.006

This disk contains the DOG BYTES, Vol. 2, Nos. 2, and 3, which are the February and March, 1983 issues. They are squeezed files. First PIP each file onto a blank disk, unsqueeze using USQ.COM from FOG/UTL.003, .004, or .014, then print using WordStar (P at "no-file" menu).

-DOG/MIS.007

This disk contains the DOG BYTES, 101, 2, Nos. 5, and 6, which are the May and June, 1983 issues. They are squeezed files. First, PIP each file onto a blank disk, unsqueeze using USQ.COM from FOG/UTL.003, .004, or .014, then print using WordStar (P at "no-file" menu).

Revised 5/1/83

LIBNEWS.UTL: FOG/DOG Library Listing - Utility Disks

UTL-1

-FOG/UTL.001

This disk contains the MODEM7 terminal program and related files previously found on -FOG.001. The xxx.DOC files CONFIGUR, INDEX, MODEM, & MODEM7 describe use of MODEM7.

MODEM714 is another version of MODEM7. Its origin is unclear to me, but D. Slaughter has provided good documentation in MODEM714.DOC. I suspect he also configured the program. Built-in documentation and examples are available.

OSMODN appears to be the same as MODEM714; however, its .COM file is not identical. Since a complete test of the differences between each program was not possible, I decided to include both.

OSMODN and OSFIG were obtained from the Osborne Users Group (OUG) of the Washington D.C. area. OSFIG configures RS232 transmission speed and protocol for the current operating session.

CRCK4, previously found on -FOG.003, and CK-FIX, from -CPMUG.040, permit verification of file transfer activities.

UMPIRE, previously found on -FOG.016, provides hardware diagnostics for the Osborne.

WASH (version 1.0) is a versatile file maintenance utility previously found on -FOG.016.

-FOG/UTL.002

This disk contains the catalog utility CAT and related programs CROSSREF, FMAP, and UCAT previously found on -FOG.003.

The NEWCAT program, obtained from the Osborne Users Group (OUG) of the Washington D.C. area, obviates the need to run FMAP and UCAT. A skeleton MAST.CAT file is provided.

The remaining utilities were previously found on -FOG.016.

DISPLAY is for viewing an ASCII file on the console.

LIST was submitted by Byron McKay of FOG. It lists an ASCII file on the printer (60 lines/page with heading and page number) or on the console (24 lines/screen). As when using the [2] option in PIP, the high order bit is zeroed out leaving only printable 7 bit ASCII characters. Therefore, WordStar "document mode" files can be viewed on the screen without funny looking _ characters.

LOGIN will reset each disk drive which has been accessed since the last system boot cold start. The result is similar to pressing ^C (warm start).

LOOK permits searching RAM for a specific byte pattern.

Revised 5/1/83

LIBNEWS.UTL: FOG/DOG Library Listing - Utility Disks UTL-2

SHOW is similar to DISPLAY and LIST.
-FOG/UTL.003

This disk contains squeeze/unsqueeze utilities SQ, USQ, and TYPESQ previously found on -FOG.026. Also, see -FOG/UTL.004 for updated versions, including FLS.

COMBINE, LINES, and LIST are from -CPMUG.036. COMBINE will merge two or more files into one. LINES will count characters and lines in an ASCII file. LIST, which is not the same as LIST on -FOG/UTL.002, is another program to list a file on the console.

D, from -CPMUG.040, is a special kind of DIR utility.

-FOG/UTL.004

This disk contains updated squeeze/unsqueeze utilities SQ-15, MSQ-15, TYPESQ14, and FLS-11 received from the Osborne Users Group (OUG) of the Washington D.C. area.

COMPARE, from -CPMUG.040, permits comparison of two files. Either both files must be on the same disk, or one file must be on the disk with COMPARE.COM.

SUPERSUB is a super SUBMIT utility received from the Northwest Osborne Users Club in the Washington/Oregon area.

SUPRSUB2, from OUG, is an update of SUPERSUB allowing entry of control characters. I haven't quite determined the use of this feature, however.

-FOG/UTL.005

All utilities on this disk except SWEEP14 were received from the Osborne Users Group (OUG) of the Washington D.C. area.

FINDBAD locates and locks out bad sectors on a disk.

SORT will sort a file into ASCII order, line by line, where each line is terminated by <CR> (Carriage Return).

HELP is used with .HLP files to display information on the console.

SUPERDIR is a super DIR utility.

WASH is an updated version of the file manipulation utility found on -FOG/UTL.001.

SWEEP14, from -PNET.010, is a super WASH utility.

-FOG/UTL.006

This disk contains utilities to read and write a disk by byte, sector, track, etc.

Revised 5/1/83

DUU was received from the Northwest Osborne Users Club in the Washington/Oregon area. One interesting function permits identification of erased files on any disk. Since DUU.ASM was not available, I included DU.ASM, an earlier version, for those interested in techniques used.

DUMP is from -CPMUG.024. This is not the same as DUMP.COM provided on the Osborne CP/M disk.

-FOG/UTL.007

Utilities on this disk will be particularly useful to the assembly language programmer.

Using RESOURCE, you can perform detailed disassembly of a .COM file. This program is from -CPMUG.042.

REZ80 is a version of RESOURCE which can use TDL Z80 mnemonics. ZDT is a version of DDT which can use the same mnemonics. Note: These are not the ZilogZ80 mnemonics you may be more familiar with.

TRANSLAT converts 8080 assembler code to Z80 code. It appears to use Zilog mnemonics. It was received from the Osborne Users Group (OUG) of the Washington D.C. area.

DISASSEM is an MBASIC program to disassemble a .COM file. It was received from OUG.

-FOG/UTL.008

BMAP7/11, from -CPMUG.047, provides a bit map representation of the allocation of information on your disk. BMAP is essentially the same program, but a newer version; it was received from the Osborne Users Group (OUG) of the Washington D.C. area.

TYPER was submitted by Dave Blair of FOG. It permits typing directly to your printer (LST: device).

XREF, from -CPMUG.036, permits cross-referencing labels used in assembly language programs.

TED, also from -CPMUG.036, is a text editor program. Perhaps it should be placed in the Applications category of the library, rather than the Utilities category. However, it is of questionable use anyway, since Osborne owners already have WordStar and ED. It is being included here for anyone who may find it interesting.

-FOG/UTL.009

This disk contains three utilities for manipulating the Osborne 1 auto-start (AUTOST) feature.

Revised 5/1/83

LIBNEWS.UTL: FOG/DOG Library Listing - Utility Disks

UTL-4

AUTOMOD enables entry of a command line up to 36 characters which will be executed upon cold start (or <RESET><RETURN>). If the command line is N characters, where N > 6, first use SETUP to program function key 0 (zero) to contain (N - 6) dummy characters (e.g., blanks).

AUTOST.ASM is from Chapter 8 of the Osborne 1 User's Reference Guide. This particular version is programmed to auto-start SuperCalc. You may modify it to start some other program of your choice.

SETAUTO was received from the Osborne Users Group (OUG) of the Washington D.C. area. It enables changing the command executed upon cold start (or <RESET><RETURN>) to a command of your choice (6 characters or less). It also enables automatic execution of the command upon warm start (<CTRL-C>) or upon both cold start and warm start.

DSCLABEL was submitted by Dennis McFerran of FOG. It will print 3 1/2" x 15/16" labels containing a list of files found in the disk directory. It will also print a list of function keys programmed on the disk. An Epson printer is required to properly utilize this program.

EPSNPRTR, received from OUG, may be used to setup special printing features on your Epson printer.

FUNCTION was submitted by John Florent of FOG. It will list function key settings on the screen. FUNCTN2 is identical to FUNCTION, but was patched to eliminate blank lines on the screen. This provides a more compact display of the function key settings.

MAKE redefines the USER number for specified files.

RPIP extends PIP to allow resetting disk drives without exiting. This requires only three additional lines of code.

With standard PIP functions. New functions recognized by RPIP are R, which will reset all drives, and Q, which will reset drives and repeat the last PIP function.

UNERA will unerase (recover) a file which was previously ERASED. To identify erased files, see DUU on -FOG/UTL.006.

-FOG/UTL.010

DA, from -CPMUG.040, permits simultaneously viewing and comparing two separate files. The files do not have to be ASCII, so .COM files may be compared in detail with this utility.

OTERM was received from the Osborne Users Group (OUG) of the Washington, D.C. area. It is another terminal emulator utility. (Also, see MODEM7 on -FOG/UTL.001.)

UNSPQL30, also from OUG, permits printing an ASCII file as a

Revised 5/1/83

LIBNEWS.UTL: FOG/DOG Library Listing - Utility Disks UTL-5

background activity while simultaneously performing other functions at the console.

-FOG/UTL.011

This disk contains DIF2 and SSED2, which were submitted by Jim Crowell of FOG.

DIF2 permits identification of differences between two files. It can feed information regarding the differences to SSED2, which will edit the differences into a copy of the original file. More complete information is contained in DIF.RNO.

OZCPR was received from the Osborne Users Group (OUG) of the Washington D.C. area. It replaces your Console Command Processor (CCP) and adds several new built-in functions to CP/M. Dennis McFerran of FOG reviewed this program and verified proper operation. He supplied the READ.ME file, which briefly explains features of ZCPR. More detailed documentation is contained in ZCPR.DOC and OZCPR.DOC.

This disk contains OTERM303, NCAT32, and XCAT36, which were submitted by Jim Crowell of FOG.

OTERM303 is an update of OTERM, which is found on-FOG/UTL.010. It is a terminal emulator program for use with a modem. Complete instructions may be found in OTERM30.DOC.

NCAT32 is an update of NEWCAT and XCAT36 is an update of CROSSREF. These earlier programs may be found on -FOG/UTL.002. They enable maintenance of a catalog of programs contained in a file called MAST.CAT. More complete information on these programs is contained in the files NCAT32.DOC and XCAT36.DOC.

-FOG/UTL.013

This disk contains CTERM and PLNK0124, two terminal emulator programs for communicating with a modem. For instructions, refer to CTERM.DOC or PLNK0124.ASM.

DIRLABEL, submitted by Dennis McFerran of FOG, is similar to DSCLABEL found on -FOG/UTL.009. For information, refer to DIRLABEL.ASM.

SWEEP36 is an update of SWEEP14 found on -FOG/UTL.005.

-FOG/UTL.014

All files on this disk were submitted by Byron McKay of FOG.

This disk contains several utilities for setting special print modes on matrix printers. EPSET2 and NECSET were written by Kent

Revised 5/1/83

LIBNEWS.UTL: FOG/DOG Library Listing - Utility Disks

UTL-6

Walker of FOG to set modes on the Epson and NEC printers respectively. SETMX and SETOK will set modes on the Epson and Okidata printers respectively. (A related program EPSNPRTR may be found -FOG/UTL.009.) [I have not been able to test NECSET or SETOK. -jw]

Kent Walker also wrote TOGGLE to switch between an RS232 serial printer and an IEEE-488/Centronics parallel printer for those who

have both

Squeezed .AQM files may be unsqueezed using utilities found on -FOG/UTL.003 and .004. Also, this disk contains SQ-16, USQ-19, and TYPE17, which are updated versions of the squeeze/unsqueeze utilities. TYPE17 will display on the screen one or a group of ASCII text files, squeezed or unsqueezed. That is, if the file specified is a squeezed file, such as NECSET.AQM, the file will be displayed in its unsqueezed form. TYPE17 produces 7-bit ASCII with bit 8 set to zero (as in PIP option Z), so WordStar Document mode files are readable. Screen displays are blocked in groups of 24 lines; however, this blocking is inconsistent when several files are to be displayed during one session.

ERAA erases files like the CP/M command ERA, except that the program will request confirmation for each file to be erased.

SAP will sort and pack your disk directory. The SAP process eliminates hidden directory references to ERASEd files, so UNERA cannot recover a previously erased file. Any files saved after SAPIng will appear at the end of a DIR list and, therefore, probably not in alphabetical order; this may be an aid to identify updated versions.

DREMOTE will permit attachment of a remote console (terminal or computer) thru the serial/modem port in parallel with the CP/M console (keyboard and screen). Characters entered at either console will be echoed to both; therefore, the remote console can control your computer. For example, someone at the remote console could execute your programs. If you leave your Osborne at home powered up and attached to an auto-answer modem, you could call from a terminal at work and operate your computer at home.

-FOG/UTL.015

This disk has an extraneous file named .COM. Please ignore it.

This disk contains OSPATCH1 from Mechanized Knowledge of Toronto, Ontario, Canada. They have given FOG written permission to distribute the program on a non-commercial basis. Its function is to patch the Osborne 1 COPY.COM utility for more reliable disk formatting and copying.

The OSPATCH files were submitted by Jim Crowell of FOG. The remaining files on this disk were submitted by Byron McKay of FOG.

Originally version 6.5 of OSPLINK was submitted. This was a

version of PLINK similar to PLNK0124 found on -FOG/UTL.013, except it used modem input/output routines specific for the Osborne 1. This looked promising as a smart terminal emulator which would be simple to use for ASCII text communication. Therefore, I decided to smooth out some rough spots, clean up the user interface, and improve documentation. I added the ability to simultaneously print on the CP/M list device (for example, an Epson printer) interfaced thru the Osborne 1 parallel (IEEE-488 or Centronics) port; this is a feature which is not available (to my knowledge) on any of the other modem/terminal routines presently in the FOG library. Since the changes were extensive, I named this version 7.0.

LISTT will print a file on the CP/M list device with a versatile selection of options. It zeroes out the parity bit (like PIP option Z), so WordStar Document mode files will be legible.

DIRR is like the Osborne 1 utility XDIR except that it displays four columns across. This may be useful for those who have an 80-column screen and, perhaps, double-density disks.

Using EX12 you may enter a series of CP/M commands and related line input to be executed sequentially. Its function is similar to the Osborne 1 utilities SUBMIT.COM and XSUB.COM. Control characters may be represented by ^ (carat) followed by the letter defining the control character (for example, ^C, ^P, or ^M).

SWEEP36.DOC describes use of SWEEP36, which may be found on -FOG/UTL.013.

-FOG/UTL.016

This disk contains three MENU programs. MENU will display a list of .COM command files which exist on your disk. You may select one from the list; it will then be executed automatically. BMENU will do a similar function for .BAS files, which are assumed to be MBASIC programs. CMENU will do the same for .INT files, which are assumed to be CBASIC programs.

CPYFIL15 copies files from one disk to another, a function similar to PIP. Each transfer is confirmed.

XAMN is a general disk examination utility. Its function is

similar to DUU found on -FOG/UTL.006, but XAMN is more "user friendly." The program is self-prompting with help screens.

The above programs were submitted by Byron McKay of FOG. Jim Crowell, also of FOG, submitted SYNONYM. This program will create a .COM file having a name of your choice which, when executed, will cause another .COM file to run. For example, you might create a synonym command called TREK which will cause the command MBASIC STARTREK to be executed.

BDLOC will print the address of BDOS (basic disk operating system) and CCP (console command processor).

Revised 5/1/83

LIBNEWS.UTL: FOG/DOG Library Listing - Utility Disks UTL-8

FILEFIND, submitted by Gale Rhoades of FOG, will search all disks and user numbers to locate a specified file. When found, the drive and user number will be displayed.

PBH will print a banner heading and/or the text of a file on your list device.

-FOG/UTL.017

This disk contains the library utility LU, which permits you to pack many small files into one larger library file. Similarly, you may withdraw individual files from the library. If the library contains .COM command files, these may be run using LRUN.

SAFRAM allows you to protect an area of high memory from being overwritten.

FMAP, submitted by Gale Rhoades of FOG, displays information about your disk directory or will perform a variety of other functions. It is a newer version of FMAP found on -FOG/UTL.002.

UMAP is an MBASIC program which will prepare a cross-reference of variables used in another MBASIC program.

XCOPY, submitted by Jim Schenkel of FOG, will copy files from one disk to another using a single drive.

-FOG/UTL.018

OTERM4.COM, (c) 1981, 1982 by Michael M. Rubenstein ver. 4 (4 Oct 82): a terminal emulator and modem program for Osborne 1 rev. 1.2 and up. SF FOG member Peter Fleming downloaded this public domain software from CompuServe and R. Hunter Morey wrote the DISK.DOC file describing how to view and printout the documentation files: OTSETUP.DOC and OTERM4.DOC (which he reformatted including redoing the OTERM4.DOC Index).

OTERM4 is a major update of OTERM and OTERM303 found on - FOG/UTL.010 and .012.

-FOG*UTL.019

ALLDOC displays a bit map showing use of a disk. It is similar to BMAP found on FOG/UTL.008. It is possible to indicate blocks occupied by a particular file and to write-protect portions of the disk.

FCB displays the first 256 bytes of RAM where the default File Control Block (FCB) is located.

MEMMAP displays a map indicating available memory (64K on the Osborne 1).

SECTRAN displays the logical to physical disk sector translation table.

Revised 5/1/83

LIBNEWS.UTL: FOG/DOG Library Listing - Utility Disks

UTL-9

CPMADR displays address information pertinent to the currently installed version of CP/M.

CPMCALC aids calculation of CP/M addresses for new system sizes.

D, submitted by Bill Hooker, is another disk directory program. It is distinct from D found on FOG/UTL.003, SUPERDIR found on FOG/UTL.005, DIR, or XDIR.

DUPUSR21 permits access of one file from more than one user number. The file itself is not duplicated, only the directory entry.

MOVUSER2, submitted by Byron McKay, permits a file to be moved from one user number to another.

The remaining files were submitted by Jim Crowell.

DUI-177 is a general disk utility permitting access to any track, sector, or byte on a disk. It is an update of DUI found on FOG/UTL.006; the Yank command and better help screens are new.

LUDEF1 and LUDIR are intended for use with the library utility programs found on FOG/UTL.017. LUDEF1 defines the structure of a in a .LBR file.

SCRAMBL21 will scramble a file, making it unreadable/unusable until it is unscrambled. The original file is replaced by the scrambled file.

-FOG/UTL.020

DDTF adds search capability to DDT. It will search for bytes (ASCII text or program instructions) in any file.

DIRCHK displays information for verification of a disk directory.

FAST may be used to speed up MPI disk drives on the Osborne 1. (It may not work with the double-density configuration.) Do not use with Siemens drives.

FILTER11 will remove all control characters (except CR, LF, and HT; I'm unsure about FF) from a text file. It also zeroes the parity bit of each byte (as in the Z option of PIP) producing standard ASCII characters. The resulting text is stored in a file named FILTER.FIL.

FIND-20 is an update of FIND on FOG/UTL.002. It will search for text in one or several files. The search string may include _ representing TAB (HT) and ' representing OR, as in this(that for this OR that).

PIPCHANG.TXT describes patches to make PIP automatically verify each disk-to-disk file transfer. PIPV is the resulting version

Revised 5/1/83

of PIP and may be used in the same manner as the unpatched PIP except the U option is assumed.

RENAME is similar to the CP/M command REN but will accept file-names containing wildcards.

STRIP will delete comment lines beginning with semi-colon from an assembly language source file.

ZDASM14 will disassemble Z80 code using Zilog mnemonics. It is similar to the 8080 disassembler RESOURCE found on FOG/UTL.007.

-FOG/UTL.021

BACK2DDT permits exit from and quick return to DDT for flexibility during debugging. It must be used in conjunction with SAFRAM2 from FOG/UTL.017.

MENU permits definition of menu screens along with command lines to be executed depending upon the operator's selection from choices on the menu. Text for the menu and command lines are both saved in a file named with .MNU type. Only .COM file commands may be used; no built-in CP/M commands such as DIR are allowed. This MENU program is not similar to MENU found on FOG/UTL.016.

SETIO may be used instead of STAT to set the IOBYTE, which relates physical devices to the logical input/output devices CON, RDR, PUN, and LST. It is more versatile than STAT.

SMODEM4 is a terminal emulator similar to MODEM7 found on FOG/UTL.001. It is especially useful with the Hayes Stack Smartmodem, enabling automatic dialing from stored phone directory files. Like DSPLNK70 on FOG/UTL.015, SMODEM4 may be requested to record communications on the list device.

WAIT simply waits until a key is depressed, beeping every 10 seconds or so as a reminder. It is useful with SUBMIT batch procedures, as when a pause to swap disks is required.

XFERTIM2 is an MBASIC program which calculates modem transfer time as a function of baud rate and file size.

-FOG/UTL.022

LCAT will display on the screen an ASCII text file which is contained within a .LBR library file created by the Library Utility, LU from FOG/UTL.017.

OSBMDM76, submitted by Jack Brown of the Vancouver Portable Computer Club (VPCC), is another version of MODEM7 configured for the Osborne 1. (This one is from MODEM765.) See FOG/UTL.001 for additional MODEM7 versions.

PASSWORD will assign a password for runtime access to a .COM

Revised 5/1/88

LIBNEWS.UTL: FOG/DOG Library Listing - Utility Disks

UTL-11

command file. Subsequently, when the command file is executed it will request and confirm the password. Multiple passwords may be assigned by simply running PASSWORD several times. The method used is not very secure, because a knowledgeable person could easily determine the correct password.

RECOVER will restore from memory an MBASIC program which was inadvertently lost by typing the MBASIC command NEW, by dropping out of MBASIC as the result of a BDOS error, or by otherwise hanging the system.

SUBGEN12 provides a versatile way to generate .SUB files for use with SUPERSUB (found on FOG/UTL.004) or with SUBMIT.

WHODERE1 will display a line of debug information for each disk access.

-DOG/UTL.001

OTERM4 - New, improved, Osborne terminal program, with split screens, and many other nice features. Compatible with MODEM7 and XMODEM.

-DOG/UTL.002

AUTOMODD - Version of AUTOMOD modified for double density. Allows changing or deleting the AUTOST command in CP/M.

AUTOST.COM - Racing CP/M startup procedure, from Kai Shuman.

BUFEX0 - BUFEXC terminal program for Osborne 1, from CIS CP/M SIG.

CAT, CAT2, CATALOG.DOC, CATEN.BP, CENUECAT, CENUECAT.DOC

File.

HELPER - Routine to support screen printing, using function key 0. From CIS CP/M SIG.

OTSET4 - OTSETUP utility for QTECH4, which allows specification of the extended function keys.

TELNET.COM - BDS Telnet modem program, version 2.3 (July, 1980). Typing ^B, followed by a space, displays a command menu.

-DOG/UTL.003

BLINK, COMPRESS, DOUBLE, EMPHASIZ, ITALICS, RESET - MBASIC routines to configure some printer.

FFORM-1, FFTABL-1, FGRID-1 - MBASIC programs to print forms.

MODEM.SET, MODEMS.DOC, MODEMS.CPK - Additional documentation on the MODEM7 program, XMODEM, and modems in general.

Revised 5/1/83

LIBNEWS.UTL: FOG/DOG Library Listing - Utility Disks UTL-12

MODMPROT.001 - Definition of Ward Christensen's MODEM protocol.

-DOG/UTL.004

2.ASM, 2.COM - Allows entering multiple CP/M commands on one line - builds a SUBMIT file out of them.

APPEND.ASM, APPEND.COM - Appends one text file to the end of another.

DECON11 - Debugger derived from SID and ZSID.

EAC - Extended Arithmetic Calculator; performs calculations on very large integers (up to 127 bytes long).

FINDBAD.DOC, FNDBD541.COM - Newer version of FINDBAD (5.4). Version 5.2 previously found on FOG/UTL.005. I can't tell any difference.